

IN THE CLAIMS:

1-9. (Cancelled)

10. (Original) A heating, ventilation and air conditioning system for a vehicle having a passenger compartment, an adjacent engine compartment and a dash panel separating the passenger compartment from the engine compartment, comprising:

an engine compartment module having a base formed for positioning on at least two locations on a dash panel, a outside air inlet, a secondary air inlet for communication with the passenger compartment, an air outlet and defining a air transport conduit connecting the outside air inlet or the secondary air inlet with the air outlet;

a passenger compartment module having a slide in slot for a heater core, an inlet for communication with the air outlet from the engine compartment module, an air manifold, a panel exhaust from the air manifold, a defrost exhaust from the air manifold, a compartment door providing access to the slide in slot, and an air channel from the inlet to the air manifold;

a heater core retained in the slide in slot;

a temperature blend door positioned in the air channel on a pivoting mount allowing movement of the temperature blend door to various positions controlling the proportion of air flow through the air channel diverted through the heater core;

a pulse count actuator coupled to the temperature blend door for positioning the temperature blend door;

a vent door mounted on a pivoting mount and positionable in the air manifold for diverting air flow through the panel exhaust;



a defrost door mounted on a pivoting mount and positionable in the air manifold for diverting air flow through the defrost exhaust; and

a kinematic movement comprising drive gears for the pivoting mounts for the vent door and the defrost door, and a pulse count actuator coupled to the drive gears for controlling the positioning of the vent door and the defrost door.

11. (Original) A heating, ventilation and air conditioning system as set forth in claim 10, further comprising:

a blower situated in the air channel of the passenger compartment module upstream from the slide in friction slot; and

a low voltage continuously variable controller for the blower.

12. (Original) A heating, ventilation and air conditioning system as set forth in claim 11, further comprising:

an evaporator mounted in the engine compartment module; and

first and second drains from the air channel through in the engine compartment module.

13. (Original) A heating, ventilation and air conditioning system as set forth in Claim 12, further comprising:

a pulse count actuator coupled to the temperature blend door for controlling the position thereof.

14. (Original) A heating, ventilation and air conditioning system as set forth in Claim 13, further



comprising:

a recirculation door positionable to close or open the outside air inlet; and

a pulse count actuator coupled to the recirculation door for controlling the position thereof.